

To: Barbara Byrne - NOAA Federal[barbara.byrne@noaa.gov]; Barbara Rocco - NOAA Affiliate[barbara.rocco@noaa.gov]; Satkowski, Rich@Waterboards[Rich.Satkowski@waterboards.ca.gov]
From: Foresman, Erin
Sent: Fri 1/24/2014 6:41:15 PM
Subject: FW: Best estimate of Previous Month's 8-River Index??

FYI

Erin Foresman

US EPA | SF Bay Delta | Environmental Scientist

C/O NMFS 650 Capitol Mall| Sacramento, CA 95814

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Schedule: M 8:30a - 5:00p; T - F 8:30a - 3:00p

From: Yaworsky, Russell [mailto:rpyaworsky@usbr.gov]
Sent: Friday, January 24, 2014 10:36 AM
To: Foresman, Erin
Cc: Andy.Chu@water.ca.gov
Subject: Re: Best estimate of Previous Month's 8-River Index??

Hi Erin,

The 8-river index for December is 380 TAF and is posted at <http://cdec.water.ca.gov/cgi-progs/iodir/WSI.2014>. The January index won't be posted until early February.

Russ

On Thu, Jan 23, 2014 at 4:27 PM, Foresman, Erin <Foresman.Erin@epa.gov> wrote:

Hi Andy and Russ,

I was wondering if you can help me find the best estimate of January 2014's 8-river index for runoff. I'm trying to find the "previous months eight river index" (units of TAF) that is referred to in foot note 10 to Table 3 in the Bay-Delta WQCP. I thought I recalled that number being discussed on DOSS two weeks ago but I don't recall what it is. The discussion was with respect to potential difficulty meeting Feb 1 Delta Outflow objective. Do you know how I find that number or do you calculate it more often than the publication of Bulletin 120?

[10] The objective is increased to 6,000 cfs if the best available estimate of the Eight River Index for December is greater than 800 TAF. [Note: The Eight River Index refers to the sum of the unimpaired runoff as published in the DWR Bulletin 120 for the following locations: Sacramento River flow at Bend Bridge, near Red Bluff; Feather River, total inflow to Oroville Reservoir; Yuba River flow at Smartville; American River, total inflow to Folsom Reservoir; Stanislaus River, total inflow to New Melones Reservoir; Tuolumne River, total inflow to Don Pedro Reservoir; Merced River, total inflow to Exchequer Reservoir; and San Joaquin River, total inflow to Millerton Lake.]

[11] The minimum daily Delta outflow shall be 7,100 cfs for this period, calculated as a 3-day running average. This requirement is also met if either the daily average or 14-day running average EC at the confluence of the Sacramento and the San Joaquin rivers is less than or equal to 2.64 mmhos/cm (Collinsville station C2). If the best available estimate of the Eight River Index (described in footnote 10) for January is more than 900 TAF, the daily average or 14-day running average EC at station C2 shall be less than or equal to 2.64 mmhos/cm for at least one day between February 1 and February 14; however, if the best available estimate of the Eight River Index for January is between 650 TAF and 900 TAF, the Executive Director of the State Water Board shall decide whether this requirement applies. If the best available estimate of the Eight River Index for February is less than 500 TAF, the standard may be further relaxed in March upon the request of the DWR and the USBR, subject to the approval of the Executive Director of the State Water Board. The standard does not apply in May and June if the best available May estimate of the Sacramento River Index (described in footnote 5) for the water year is less than 8.1 MAF at the 90% exceedance level. Under this circumstance, a minimum 14-day running average flow of 4,000 cfs is required in May and June. Additional Delta outflow objectives are contained in Table 4

Thanks in advance for any help you can provide.

Erin

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